

Title (en)

NUCLEOTIDES AND POLYNUCLEOTIDES IMMOBILISED ON A SOLID SUPPORT VIA A DISULPHIDE LINKAGE

Title (de)

DURCH EINE DISULFIDBRÜCKE AUF EINEM FESTEN TRÄGER IMMOBILISIERTE NUKLEOTIDE UND POLYNUKLEOTIDE

Title (fr)

NUCLEOTIDES ET POLYNUCLEOTIDES IMMOBILISEES SUR UN SUPPORT SOLIDE AU MOYEN DE LIAISON DISULFURE

Publication

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Application

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Abstract (en)

[origin: WO0053616A2] A method of immobilising a nucleotide or polynucleotide on a solid support, comprises: providing the solid support having a functionalised surface of the formula B - S - S - L where B is the solid support and L is a leaving group; providing a nucleotide or polynucleotide comprising at least one phosphorothioate group; and coupling the two together by means of a sulphide exchange reaction. The product has the structure B - S - S - P(O)R<1>R<2>, where - POR<1>R<2> represents a nucleotide or a polynucleotide. Arrays of the immobilised polynucleotides are useful for performing APEX or SBH assays.

IPC 1-7

**C07H 21/00**; **C07H 19/10**; **C07H 19/20**; **G01N 33/543**; **C12Q 1/68**

IPC 8 full level

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